

AMENDMENTS TO THE CLAIMS

Please amend claims 3 and 8, and add new claim 24 as follows:

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1. (Previously Amended) A method, comprising the steps of:

2 displaying a menu and an indicator for selecting one of menu items of said menu;

3 making a selection of a menu item by using said indicator;

4 displaying a sub menu corresponding to the selected menu item, with said sub menu being  
5 comprised of a plurality of sub menu items contextually related to said menu item; and

6 automatically adjusting the position of said indicator to be located within said sub menu.

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1 2. (Original) The method of claim 1, further comprised of automatically, initially displaying  
2 said indicator superimposed upon a first sub menu item of said sub menu upon initial said displaying  
3 of said sub menu.

1 3. (Currently Amended) The method of claim 1, further comprised of:  
2 initiating display of said menu on said a display screen by manually pressing a key on said  
3 remote controller;  
4 moving said indicator within said screen by manipulating a cursor controller mounted on said  
5 remote controller; and  
6 making said selection by manual manipulation of said selection key.

1 4. (Original) A method comprising the steps of:

2 displaying a menu and an indicator on a display screen by manually operating a remote  
3 controller, with said indicator being initially displayed at a predetermined position within said menu;  
4 making a selection of a menu item displayed within said display screen by moving said  
5 indicator around said menu to said menu item;  
6 storing a location of said menu item in reference to said menu area;  
7 displaying items selected and adjusted by an indicator from said menu; and  
8 changing a position and size of said menu, said indicator automatically following said menu.

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cont.  
1 5. (Original) The method of claim 4, wherein said indicator is located in an area where the  
2 changed said menu is displayed.

1 6. (Original) The method of claim 5, further comprised of:

2 initiating display of said menu on said display screen by manually pressing a key on said  
3 remote controller;  
4 moving said indicator within said screen by manipulating a cursor controller mounted on said  
5 remote controller;  
6 making said selection by manual manipulation of said selection key; and  
7 changing the position and size of said menu by manual manipulation of an enlargement and  
8 reduction key.

1 7. (Original) The method of claim 6, wherein changing the position and size of said menu  
2 locates said indicator to the stored said location.

1 8. (Currently Amended) A method, comprising the steps of:  
2 a menu key on a remote controller being pressed to display a menu on a display screen of a  
3 television, an initial position of an indicator being in an area of said menu, said indicator able to  
4 position to anywhere on said display screen;  
5 moving said indicator to a menu item location using a trackball on said remote controller;  
6 selecting said menu item with a selection key on said remote controller;  
7 storing a location of said menu item which was selected;  
8 performing a function of selected menu item;  
9 displaying a sub menu of said menu;  
10 said indicator positioning to a location of said sub menu;  
11 selecting an item in said submenu;  
12 performing function of said sub menu;  
13 erasing said sub menu; and  
14 automatically adjusting display of said indicator to display said indicator on said screen at  
15 said location of said menu item.

1 9. (Original) The method of claim 8, wherein said indicator is initially located in the center

2 of said first menu item.

1 10. (Original) The method of claim 8, wherein after erasing said sub menu , said indicator  
2 locates back to a center of said stored location of said menu.

1 11. (Original) The method of claim 8, further comprising the steps of:  
2 selecting and adjusting an item from said menu by using an indicator;  
3 displaying items selected and adjusted by an indicator from said menu;  
4 changing a position and size of said menu; and  
5 said indicator automatically following said menu.

1 12. (Original) The method of claim 11, wherein changing the position and size of said menu  
2 makes said indicator locate to the stored said location.

1 13. (Original) The method of claim 8, wherein a trackball within a remote controller changes  
2 the location of said indicator, said trackball's change in vertical and horizontal direction correspond  
3 to change in vertical and horizontal direction of said indicator.

1 14. (Original) The method of claim 8, wherein said menu overlaps an image signal generated  
2 on said display screen.

1 15. (Original) The method of claim 8, wherein said menu is separated from an image signal  
2 generated on said display screen.

1 16. (Original) The method of claim 8, wherein said display screen is in a cathode ray tube.

1 17. (Previously Amended) A television apparatus, comprising:

2 a trackball on a remote controller for controlling the movement of an indicator on a television  
3 display screen relative to a predetermined initial position of said indicator on the screen to select a  
4 displayed menu item;

5 a trackball movement sensor sensing a shift value of the movement of said trackball along  
6 X-Y coordinates relative to the predetermined initial position of said indicator;

7 a selection key which selects said menu items;

8 a menu key which displays said menu on said television display screen;

9 a shift value data storage unit accommodating the storing shift value data corresponding to  
10 the movement of said trackball relative to the initial indicator position;

11 a control commander selecting the control function corresponding to said menu item where  
12 said indicator is located when said selection key is activated;

13 a data generator, responsive to said remote controller for generating data corresponding to  
14 the stored shift value of said trackball received from said shift value data storage unit when said  
15 remote controller is activated; and

16 a transmitting means accommodating coding and transmitting data from said data generating

17 means to an electrical appliance; and

18 wherein said electrical appliance comprises:

19 a receiver accommodating the data transmitted by said transmitting means;

20 a display control unit, connected to said receiver, displaying a menu on said television display  
21 screen according to said received data;

22 an indicator display, said indicator display unit displays said indicator in a center point of a  
23 selected submenu;

24 said television display screen;

25 a microprocessor; and

26 a menu storage means, connected to said display control unit, for providing data which is  
27 displayed on said television display screen.

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cont

1 18. (Previously Added) A method for controlling the position of an indicator, wherein when  
2 a menu having items selected and adjusted by the indicator is displayed, and an item having sub  
3 items capable of being selected and adjusted is selected, the sub items are displayed and the indicator  
4 is located in the area where the sub items are displayed.

1 19. (Previously Added) The method of claim 18, wherein the indicator is located in the first  
2 sub menu item.

1 20. (Previously Added) The method of claim 18, wherein the selected menu item is stored,

2 and when a sub menu is erased, the indicator is located in the stored menu item.

1 21. (Previously Added) A method for controlling the position of an indicator, wherein when  
2 a menu having items selected and adjusted by an indicator is displayed, and the position and a size  
3 of the menu are changed, the indicator follows the changed menu.

1 22. (Previously Added) The method of claim 21, wherein the indicator is located in an area  
2 where the changed menu is displayed.

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cont.  
2 23. (Previously Added) The method of claim 22, wherein a selection item where the indicator  
3 exists in the previous menu is stored, and the indicator is located in the stored selection item of the  
changed menu.

1 24. (New) The method of claim 1, further comprising of :  
2 storing a location of the selected menu item within a display screen; and  
3 automatically adjusting the display of said indicator to the stored location of the selected  
4 menu item when said sub menu is erased.

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